BUBBLE SPA

B110 BLUE SEA

A081023(EU)/A081024(UK)

B130 CAMARO

A081012(EU)/A081013(UK)

B140 ELEGANCE

A081004(EU)/A081002(UK)

A081003(EU)/A081001(UK)

DO NOT RETURN MERCHANDISE DIRECTLY TO STORE. PLEASE CALL OUR AFTER SALES SERVICE CENTER FOR HELP OR EMAIL US AT info@the-mspa.com

SAFETY INSTRUCTIONS
WARNING

When installing and using this electrical equipment, basic safety precaution should always be followed, including the following:

IMPORTANT SAFETY INSTRUCTIONS
READ AND FOLLOW ALL INSTRUCTIONS.

WARNING: RISK OF ELECTRIC SHOCK. Insert the plug only to a properly grounded socket.

WARNING: The spa must be supplied by an isolating transformer or supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30mA.

WARNING: RCD must be tested before each use.

WARNING: If the supply cord is damaged, it must be replaced immediately by the manufacturer, its service agent or similarly qualified person in order to avoid a hazard.

WARNING: To reduce the risk of electric shock, do not use extension cord to connect unit to electric supply; provide a properly located receptacle.

WARNING: No part of the appliance is to be located above the bath during use.

WARNING: Parts containing live parts, except parts supplied with safety extra-low voltage not exceeding 12V, must be inaccessible to a person in spa pool; Earthed appliance must be connected to the fixed receptacle which is permanently connected to fixed wiring. Parts incorporating electrical components, except remote control devices, must be located or fixed so that they cannot fall into the spa pool.

WARNING: The plug of spa shall be more than 3.5m away from the pool.

WARNING: Spray head must not be used.

WARNING: The outlet of Spa must not be connected to any tap or fitting other than those specified.

WARNING: Electric installations should fulfill the requirements of local standards.

WARNING: TO AVOID THE ELECTRIC SHOCK, DO NOT USE THE SPA WHEN IT IS RAINING OR THUNDERING AND LIGHTENING

WARNING: To reduce the risk of injury, do not permit children to use this product unless they are closely supervised at all times.

WARNING: Water attracts children. Always have the Spa locked with its cover after each use.

WARNING: Do not bury cord. Locate cord to minimize abuse from lawn mowers, hedge trimmers, and other equipment.

WARNING: Do not overexert press down or uplift the control panel device. Do not put any heavy on control panel device after installation.

WARNING: Pets should be kept away from spa to avoid damage.

WARNING: When the bubble function is going to be in function, make sure the cover of Spa must be opened first.

WARNING: Do not switch on if there is any possibility that the water in the spa is frozen.

WARNING: Use only approved accessories. Use of non-approved accessories could void the warranty.

DANGER: Risk of accidental drowning. Extreme caution must be exercised to prevent unauthorized access by children. To avoid accidents, ensure that children can not use this spa unless they are supervised at all times.

WARNING: RISK OF ELECTRIC SHOCK. Install at least 1.5m from all metal surfaces.

WARNING: RISK OF ELECTRIC SHOCK. Never operate any electrical appliance when in your spa or when your body is wet. Never place any electric appliance, such as a light, telephone, radio, or television, within 1.5m of spa.

WARNING: During pregnancy, soaking in hot water may cause damage to the fetus. Limit use to 10 minutes at a time.

WARNING: Do not expose spa under direct sunshine.

WARNING: TO REDUCE THE RISK OF INJURY:

A. The water in a spa should never exceed 40 °C (104 °F). Water temperature between 38 °C(100 °F) and 40 °C (104 °F) are considered safe for a healthy adult. Lower water temperature is recommended for young children and when spa use exceeds 10 minutes.

B. Since excessive water temperatures has a high potential for causing fetal damage during the early months of pregnancy, pregnant or possibly pregnant women should limit spa water temperatures to 38 °C(100 °F).

C. Before entering a spa, the user should measure the water temperature with an accurate thermometer since the tolerance of water temperature regulating devices varies.

D. The use of alcohol, drugs, or medication before or during spa use may lead to unconsciousness with the possibility of drowning.

E. Obese person and person with a history of heart disease, low or high blood pressure, circulatory system problems, or diabetes should consult a physician before use a spa...

F. Person using medication should consult a physician before using a spa since some medication may induce drowsiness while other medication may affect heart rate, blood pressure, and circulation.

WARNING: TO REDUCE THE RISK OF INJURY: Never pour water which higher than 40 °C (104 °F) into the spa pool directly.

WARNING: The use of alcohol, drugs, or medication can greatly increase the risk of fatal hyperthermia.

Hyperthermia occurs when the internal temperature of the body reaches a level several degrees above the normal body temperature of 37 °C(98.6 °F). The symptoms of hyperthermia include an increase in the internal temperature of the body, dizziness, lethargy, drowsiness, and fainting, The effects of hyperthermia include failure to perceive heat; failure to recognize the need to exit spa; unawareness of impending hazard; fetal damage in pregnant women; physical inability to exit the spa; and unconsciousness resulting in the danger of drowning.

CONSULT YOUR PHYSICIAN FOR RECOMMENDATIONS.

CAUTION: The spa should not be setup or left out in temperature lower than 4°C if the heater is not activated

CAUTION: Do not use the spa alone.

CAUTION: People with infectious diseases should not use a spa.

CAUTION: Do not use the spa immediately following strenuous exercise.

CAUTION: Always enter and exit the spa slowly and cautiously. Wet surfaces are slippery.

CAUTION: To avoid damage to the pump, the spa must never be operated unless the spa is filled with water.

CAUTION: Immediately leave spa if uncomfortable or sleepy.

CAUTION: Never add water to chemicals. Always add chemicals to water to avoid strong fumes or violent reactions that may result in hazardous chemical spray.

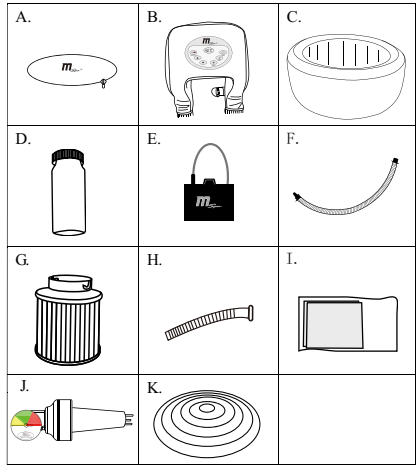
CAUTION: Place only on surface that can withstand the floor loading requirement of your Spa.

NOTE: Please examine equipment before use. Notify after sales service center listed on this manual for any damaged or missing parts at the time of purchase. Verify that the equipment components represent the models that you had intended to purchase.

SPECIFICATIONS

Style No.	Bubble SPA		
	B-110 A Blue Sea/ B-110B Silver Cloud	B-130 Camaro	B-140A/B Blue/brown (Elegance)
Item No.	A081023(EU)/A081024(UK)	A081012(EU)/A081013(UK)	A081002(UK)/A081004(EU) A081001(UK)/A081003(EU)
Seating capacity	4	4	4
Water capacity	1000L/265gallon	800L/211gallon	800L/211gallon
Outer Diameter	1.88m/74"	1.80m/71"	1.80m/71"
Inner Diameter	1.46m/58"	1.40m/55"	1.40m/55"
Height	0.70m/28"	0.70m/28"	0.70m/28"
Number of air jet	105	105	105
Power rated	220~240V, 50Hz	220~240V, 50Hz	220~240V, 50Hz
Heater	1500W/2.04HP	1500W/2.04HP	1500W/2.04HP
Bubble	800W/1.08HP	800W/1.08HP	800W/1.08HP
Power cable length	4.5m/15 feet	4.5m/15 feet	4.5m/15 feet
Filter	AC12V/45W 1700L/ 450gal/H	AC12V/45W 1700L/ 450gal/H	AC12V/45W1700L/ 450gal/H
Top lid	polyester laminated PVC with foil and inflatable bladder	Synthetic leather with foil and inflatable bladder	Syntheic leather with foil and inflatable bladder
Cord-mounted	RCD	RCD	RCD

INSTALLATON INSTRUCTIONS



NOTE: Ensure to check all parts are present.

A: Synthetic leather with foil and zipper

B: Control panel

C: Spa pool

D: Test strip

E: Digital lock

F: Inflation Hose

G: Filter cartridge

H: Drainage hose

I: Repair kit

J:Barometer

K:Inflatable bladder

A. Site Requirements

WARNING: The floor has to be capable of supporting the expected load.

WARNING: An adequate drainage system has to be provided to deal with overflow water.

IMPORTANT: Because of the combined weight of the spa, water, and users, it is extremely important that the base where the Spa is installed is smooth, flat, level and capable of uniformly supporting this weight for the entire time the spa is installed. If the spa is placed on a surface, which does not meet these requirements, any damage caused by improper support will void the warranty. It is the responsibility of the Spa owner to assure the integrity of the site at all times.

a) Indoor Installation:

Be aware of special requirements if you install the spa indoor.

- The floor must be able to withstand the capacity of the spa. The floor should be a non-slip, level surface.
- Proper drainage is essential for indoor spa installation. When building a new room for the spa, it is recommended that a floor drain be installed.
- Humidity is a naturally side effect with spa installation. Determine the effects of airborne moisture on exposed wood, paper, etc. in the proposed location. To minimize these effects it is best to provide plenty of ventilation to the selected area. An architect can help determine if more ventilation is needed.

NOTE: Do not install the spa on carpet or other material that can be damaged by moisture.

b) Outdoor Installation

WARNING: TO AVOID THE ELECTRIC SHOCK, DO NOT USE THE SPA WHEN IT IS RAINING.

No matter where you install the spa, it's important you have a solid support foundation. If you are installing the spa outdoors, ensure there are no sharp objects that could damage it and that the location

is level so the spa sits stably and properly.

- During filling, emptying or when in use, water may spill out of the Spa. Therefore the spa should be installed near a ground drain.
- Do not leave the Spa's surface exposed to direct sunlight for long periods of time.

B. RCD Test

WARNING: RISK OF ELECTRIC SHOCK. The RCD plug must be tested before each use.

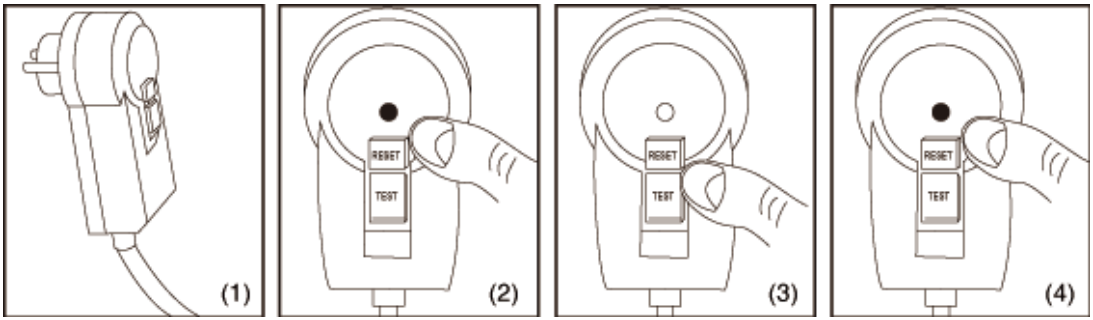
WARNING: Insert the RCD plug into a residual current device (RCD) protected power receptacle only.

WARNING: Before inserting the plug into a power receptacle, make sure the current rate of the power receptacle and the fixed wiring are suitable for the Spa. Contact a qualified electrician if you cannot verify.

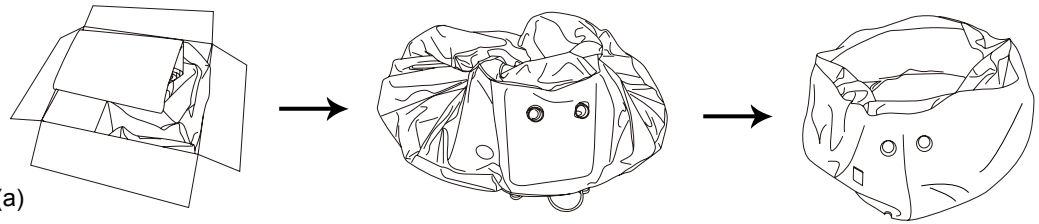
1. Insert the plug into the power receptacle. (1)
2. Press the "RESET" button. The indicator light should turn red. (2)
3. Then press the "TEST" button. The indicator light should disappear. (3)

WARNING: Do not use if above test fails.

4 . Finally, press the "RESET" button again. The indicator light should turn red. The spa is ready for use. (4)



C. Assembly



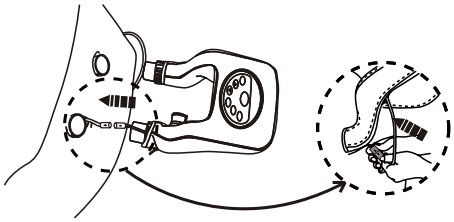
(a)

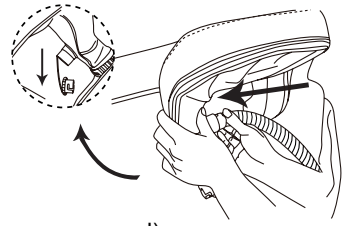
a) Unfold the Spa pool from the packaging. Spread the Spa and cover. Make sure both are right side up.

For B-130 and B-140 only

Put the side leather cover on the spa tub.

Attention: make sure the 2 holes on the leather fit the right positions of spa tub.





b) c) d)

b)Screw the control panel onto the spa, fasten the ring to the pipe adaptor.

c)Connect the connectors. Make sure that the mark of each connector are properly matched together

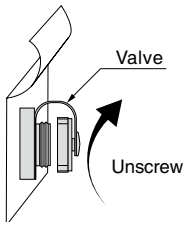
d)Open the air valve under the control panel. Screw one end of inflation hose onto it

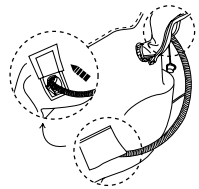
e) Unscrew the top part of air valve on the Spa. Connect the other end of inflation hose into the valve.

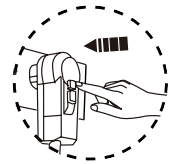
f) As previously outlined, test spa's RCD plug.

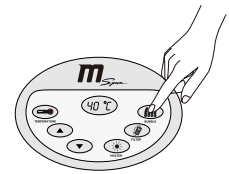
g) Inflate the spa pool by pressing the "bubble" button. Press the "bubble" button again to stop inflating.

h) Remove the inflation hose from the air valve on the spa pool.



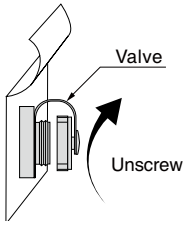




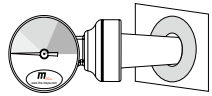


e) f) g)

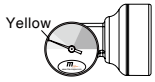
i) Use the attached barometer to check and test the air pressure status inside the spa pool in the following way



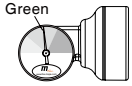
①.Inser t the barometer into the valve.



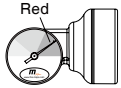
②.Check the area that the pin points to.



If the pin points to the yellow area, it means that the spa needs to be inflated. Please pull out the barometer and make further inflation.



If the pin points to the green area, it means the spa is well inflated.



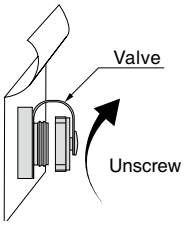
If the pin points to the red area, it means that the spa is over inflated, This may cause

air leakage and even the broken of the spa pool. Please pull out the barometer and then unscrew bottom part of the air valve, let some air out. Check it again with barometer, till the pin points to the green area.

Note:

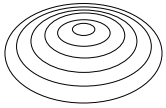
1) It is imperative that you test the air pressure inside the spa pool. Over inflated spa together with filled water pressure and sunshine will make the air pressure even bigger.

2) Never over inflate your spa.

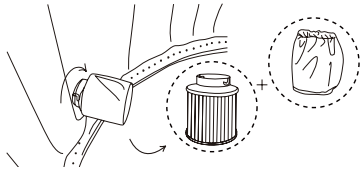


③. Screw the cover to the valve once the air pressure inside the pool is tested to be suitable.

j) Open the air valve on the inflatable bladder, connect the hose to the air valve and then press the “bubble” button on the control panel to inflate the inflatable bladder. Press the “bubble” button again to shut off and stop inflating. In the same way, check and test the air pressure inside the inflatable bladder to make sure it is properly inflated.



j)



k)

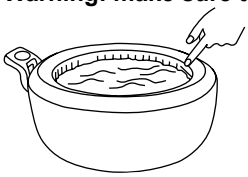
k) Screw the filter onto the water inlet on the spa wall by turning it clockwise

Note:please refer to the I/M of barometer and use the barometer to test and adjust the air pressure inside the spa pool and the bladder.

l) Fill the Spa

Using a garden hose to fill the Spa at least to the water level printed on the Spa wall.

Warning: make sure the power pack is not plugged in before filling water into the SPA.



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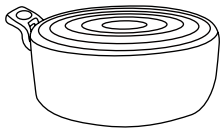
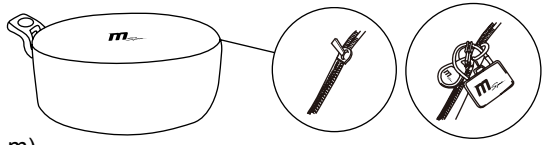




m)

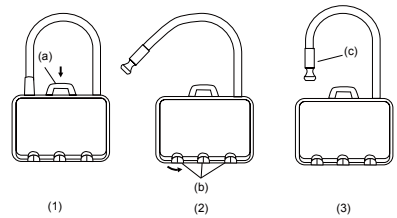
(m) Place the zipper cover onto the spa and then put the inflatable bladder onto the spa pool, Fasten the zipper and lock the cover to the spa by using the digital lock in the accessory pack

Note: Please remember to test and adjust the air pressure inside of spa pool before each time of use.

How to change the combination of digital lock:

1) Original combination is set as 000
2) Push release button
(a) in the direction of the arrow shown and the lock will be released.
3) Set your desired combination by move the number wheel. Please do not forget your new combination.
4) Insert back the steel cable to its end in the direction of the arrow.

The new combination is ready for use.



WARNING: Do not move the number wheels while the digital lock is open. Or you will change the combination you just set. This will unable the digital lock.

WARNING: The cover is not a substitute for adult supervision; Children must be supervised at all times around the Spa.

WARNING: Water attracts children; Always attach a spa cover and lock it after each use

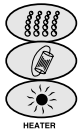
Power pack operation

Power pack

CAUTION: You must ensure the power pack is prepared before operating, if you do not follow these instructions the power may operate abnormally. Never dry-run the power pack as such type of operation will void the warranty.

Note: The Water in the spa must match the water line printed on the spa pool wall.

Control panel



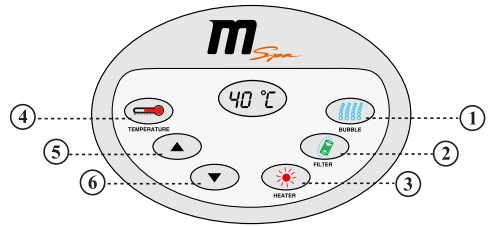
1. “BUBBLE” Button: To activates Bubbling system
2. “FILTER” Button: To activates Filter system
3. “HEATER” Button: To activates Heating and Filtering system at the same time

4. “TEMPERATURE” Button: Set and show water temperature

5. “ ▲ ” Button: Higher temperature

6. “ ▼ ” Button: Lower temperatrure

LED Display: Once powered-up, the LED displays the current water temperature automatically.



Press the “ temperature “ button wil cause the led to falsh. When it is flashing, you can set your desired temperature by press the increase and decrease button. Once the desired temperature is set, press the temperature button again to confirm it.

NOTE: The setting temperature defaults to 40°C (104°F) when first plugged in.

NOTE: Temperature adjustment ranges from 20°C (68°F) to 40°C (104°F).

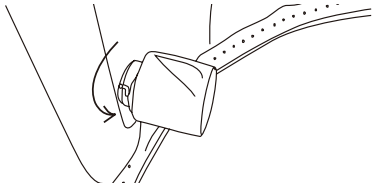
Water Filtration Button: This button turns the Filter Pump on and off.
The light of the water filtration button displays green when the filtration system is activated.

Heat Button: Use this button to activate the heating system.
The heater does not stop heating the Spa until the current water temperature reaches 1°C higher than the setting temperature. Then only the “heater” button is on.
After the current water temperature drops 2°C below the set point temperature the heating system will restart. The “filter” button will be activated at the same time.

When the light of the Heat Button displays green, the heating system is activate
Heating system is capable of increasing approximately 1.5 to 2°C(3-4°F) per hour.
NOTE: If the heating system is activated the filtration system will automatically start – This is normal.
Attention: When “HEATER” and “FILTER” both are on, only pressing “HEATER” button can switch off filtering function but not “FILTER” button.

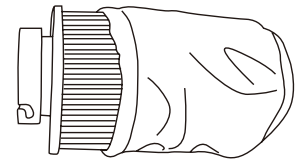
Bubble Button: Press this button to activate the massage system which has a 30-minute auto shut off for 10 minutes feature.The light of bubble Button displays green when activated.

Cleaning and replacement of the filter cartridge
Please make sure to unplug the power pack from the electrical receptacle before the follwoing actions.



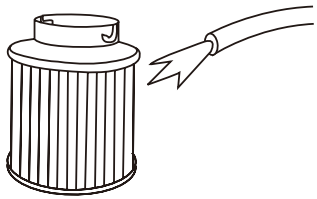
(1)

1. Unscrew the filter cartridge by turning it counterclockwise

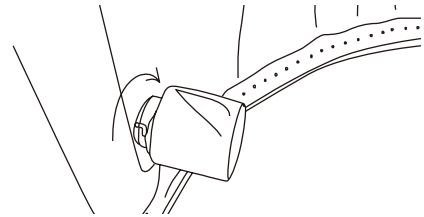


(2)

2. Remove the filter cartridge cover.



(3)



(4)

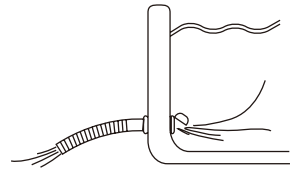
3. The Filter Cartridge can be rinsed off with a garden hose and reused. However, if the Filter Cartridge re-

mains soiled and discolored the Filter Cartridge should be replaced .

4. Put on the filter cartridge cover and place the filter cartridge to water inlet by turning it clockwise

Drainage

1. Turn off all the buttons on the control panel.
2. Unscrew the valve on outside of the spa pool till it is detached from the on the drainage structure.
3. Connect the black drainage hose on to the drainage structure. Make sure it is well connected and the other end of the drainage hose is connected to a ground drain.



4. Pull and open the cover of the drainage structure inside of the spa pool, water will flow out from the drainage hose.

Maintaining Spa Water

Poor water quality can be extremely hazardous to your health. We recommend you do following things:

A: Clean your filter cartridge at least once a time after it worked continuously for 72~120 hours. The filter cartridge should be replaced at least once a month depending on use

B: Change water every few days or use appropriate pool chemicals.

All spas require the use of pool chemicals. Please consult your local pool supply retailer for more information about chemical maintenance. Pay close attention to the chemical manufacturer's instructions. Spa damage resulting from misuse of chemicals and mismanagement of spa water is not covered by the warranty.

a. Water Balance

We recommend maintain your water pH between 7.2 and 7.8, total alkalinity between 80 and 120ppm and free chlorine between 3 to 5ppm. Use the attached test strip to test your water chemistry before each use of the spa, no less than once per week. Low pH will damage to the spa and pump. Damaged resulting from chemical imbalance is not covered by the warranty.

b. Water Sanitation

Water Sanitation is the responsibility of the spa owner, achieved through the regular and periodic (daily, if necessary) addition of an approved sanitizer. The sanitizer will chemically control the bacteria and viruses present in the fill water or introduced during use of the spa.

Cleaning the spa

Detergent residues and dissolved solids from bathing suits and chemicals will gradually accumulate in the Spa's water. To clean the Spa, use soap and water then rinse.

NOTE: DO NOT use hard brushes or abrasive cleaners.

Spa Repair

If the Spa is torn or punctured use the provided Repair Patch. Dry the area to be repaired. apply the glue for PVC to PVC to the repair patch and then attach it onto the damaged area. Smooth the surface to remove any air bubbles. A secure unnoticeable repair can usually be made.

Spa Storage

After the spa is drained, unscrew the complete part of the air valve on the spa pool and the spa will be deflated.

Make sure all water is drained from the Spa and control box. This is essential to extend the life of the spa. We recommend the use of a wet/dry vacuum to blow out or suck up water from the Spa pipes and Pump lines. Remove the Filter Cartridge. It is recommended you store the spa in its original package in a warm dry place.

NOTE: Plastic becomes brittle and susceptible to breakage when exposed to subzero temperatures. Freezing can severely damage the Spa. Improper winterization of your Spa may void your warranty.

TROUBLESHOOTING

Mspa™ strives to provide the most trouble-free spas on the market. If you experience any problem whatsoever, do not hesitate to contact us or our afer sales service center.

Here are some helpful tips to help you to diagnose and rectify some common sources of trouble.

Problems	Probable Causes	Solutions
Control box does not operate	-Power failure -RCD tripped -RCD broken	-Check power source -Reset RCD/Check if the home fixed wiring too thin to afford 2300W. -Call for service if it does not reset.
Control box does not heat properly	-Temperature set too low -Dirty Filter Cartridge -Improper water levels -Heating element failed	-Set to a higher temperature (between 20-40℃) -Clean/replace the Filter Cartridge in time --Add water to specified levels -Call for service
Bubble Massage System does not work	-Pump is too hot -30-minute auto shut off feature activated -Something is wrong with the control box	-Unplug the Pump. After the Pump has cooled insert the plug and press the bubble button to activate -Press the bubble Button to reactivate -Call for service if it does not reset
Water Filtration not working	-Dirty Filter Cartridge -Something is wrong with the control box	-Clean/replace the Filter Cartridge in time -Call for service if it does not reset
Spa leakage	-Spa is torn or punctured	-Use provided Repair Patch
Water not clean	-Insufficient filtering time -Dirty Filter Cartridge -Improper water maintenance	-Increase filtration time -Clean/replace the Filter Cartridge -Refer to the chemical manufacturer's instructions
"SH"or "SL"indicated on the control panel.	-The pins inside the black connectors are bent or wet.	-Straighten the bent pins or dry the pins.

DISPOSAL

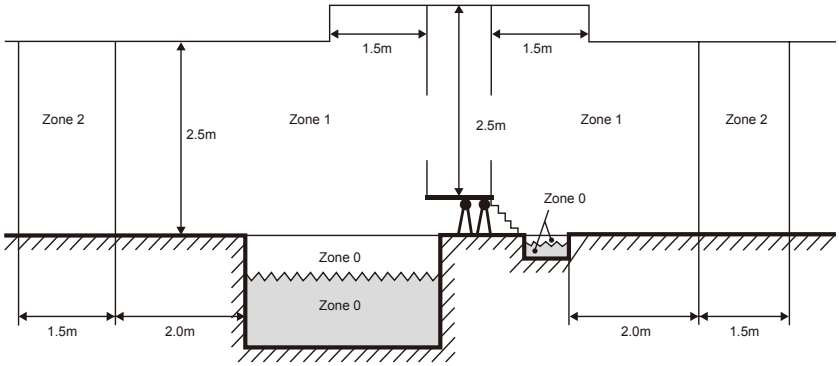
1.The marking indicates that this product shall not be disposed with the general household waste. Please contact your local community about collection points or ask your dealer.

2.This product contains valuable materials that can be recycled and contribute to a sustainable enviroment.

3.For recovery, recycling and dismantling information for this product, please visit us at www. the-mspa. com

WATER PROTECTION LEVEL

Warring: Water protection levels of Appliance at different product zones are different see the following scheme.



NOTE - The measured zone dimensions are limited by walls and fixed partitions.
Figure 702A - Zone dimensions of swimming pools and paddling pools

SAFETY & ANNOUNCEMENTS

a. A local supplementary equipotent bonding shall connect all extraneous conductive parts in Zones 0,1 and 2 with protective conductors of all exposed conductive parts situated in these zones;
b. The measures of protection by non-conducting location and by earth-free equipotent bonding are not permitted;
c. Electrical equipment shall have at least the following degrees of protection:
In Zone 0: IPX8
In Zone 1: IPX5
In Zone 2: IPX4
d. Junction boxes shall not be installed in Zones 0 and 1 except in zone 1,where permitted for SELV circuits.
e. In Zones 0 and 1, no switchgear and accessories shall be installed;
f. The transformer must be located outside zone1

LIMITED WARRANTY - TERMS & CONDITIONS

This warranty extends to the original purchaser only. The warranty period commences on the original purchase date through 6-12 months according to the different parts. This warranty is not transferable to subsequent purchasers. This warranty is subject to the obligations, limitations, and exclusions listed below.

Extent of warranty

6 months warranty on spa pool and 12 months for electric parts.

Obligations of Purchaser

The purchaser must establish, by dated sales slip, invoice, or installation receipt, the date of original pur-

chase. In order to supply the customer with the most up to date service we respectfully request the purchaser to register their purchase by completing the attached Warranty Registration Card and mail it to the manufacturer within 15 days of date of receiving the purchase,

Transportation costs incurred to and from the manufacturer or authorized service center is the responsibility of the purchaser. This includes freight charges for parts shipped to your dealer or service center. All costs for the removal or reinstallation of parts are the responsibility of the purchaser. You may be subject to dealer service charges. Factory labor is defined as labor required to test and to perform repairs to components returned to factory at customer expense provided defective components are returned within specified warranty period.

Limitations and Exclusions

The warranty is a limited warranty. It covers the Spa itself for the period stated. This warranty negates or limits all other warranties implied or expressed, except for those, which cannot be negated or limited by law in which the product is used. The manufacturer does not authorize of permit any party, including its agents, distributors or dealers to assume for it any other obligations or liability. In no event will the manufacturer be liable for any claim for damages arising from the use or loss of use, installation, or repair of the Spa including, but not limited to freight damage, punctures, cuts in vinyl, water and/or sewage costs, freeze damage, or water damage to surrounding areas, rooms, furnishings or landscaping. The purchaser is responsible for providing adequate access to all areas surrounding the Spa so that service may be properly performed. Product specifications are subject to change without notice.

Acts Invalidating Warranty

This warranty is void if the Spa pool has been altered, misused, abused or has been repaired by an unauthorized person, or is not installed according to the factory instructions. Other acts that will void the warranty are operating the Spa without water or improper water level, use of an extension cord, improper chemical maintenance, burying the Spa below ground level, damage from ice or freezing, low voltage or excess voltage. This warranty gives you specific legal rights. Specifications are subject to be changed without notice.

Manufactured By:

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